

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	46	dialysis same ((rough or textured))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:33
L3	45	(body or chamber or casing or reservoir) same ((rough or textured) near interior)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L4	10	(body or chamber or casing or reservoir) same (((rough or textured) near interior) same flow)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:48
L5	10	"4386611"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:55
L6	0	"irradiated modified urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L7	0	"irradiated urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L8	0	"radiated urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L9	0	(irradiated near urease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L10	0	(radiated near urease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
S1	481	(604/29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/17 13:53
S2	3	S1 and "zirconium oxide" and "zirconium phosphate" and carbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:06

## EAST Search History

S3	3	S1 and "uremic toxin" and dialysis and "zirconium phosphate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:08
S4	3	S1 and dialysis and "zirconium phosphate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:08
S5	107	dialysis and "zirconium phosphate"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:12
S6	44	dialysis and "zirconium phosphate" and "zirconium oxide" and carbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:38
S7	20	("4340615" "5428123" "5529914" "5573934" "5702372" "5723588" "5733524" "5874277" "5922161").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:38
S8	18	dialysis and (first same "zirconium phosphate")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 14:41
S9	0	dialysis and ("zirconium oxide" near nitrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 16:09
S10	1	dialysis and ("zirconium oxide" same "nitrate ion")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 16:14
S11	15	dialysis and ("zirconium oxide" same modified)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 16:12
S12	6	dialysis and ("zirconium oxide" same modified) and nitrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 16:12
S13	10	("zirconium oxide" same "nitrate ion")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 17:21
S14	5	("4681979"   "5059734"   "5130287").PN. OR ("5210363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/17 16:31

## EAST Search History

S15	220	("zirconium oxide" same remove) and (dialysis or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/17 17:22
S16	34	("zirconium oxide" same remove same ion) and (dialysis or filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:04
S17	22	("hydrous zirconium oxide") and (dialysis)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:23
S18	27	"3,332,737"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:14
S19	40	"3332737"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:14
S20	755	("zirconium phosphate") and (ph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:23
S21	5	("zirconium phosphate") near (ph)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 12:55
S22	18	("zirconium phosphate" same ph) and dialysis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 09:50
S23	45	("zirconium oxide" same ph) and dialysis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 14:20
S24	3	dialysis and "zirconium phosphate" and "open header"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:13
S25	7	dialysis and "zirconium phosphate" and "header"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:14
S26	2	dialysis and "zirconium phosphate" and "vent"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:15

## EAST Search History

S27	1426	dialysis and vent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:03
S28	103	dialysis.ti. and vent	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/18 10:16
S29	5	"6627164"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 12:59
S30	5	S29 and "zirconium oxide" and ph	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 13:02
S31	8	"4659744"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 13:50
S32	67	"3669880"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 14:08
S33	9	"5618441"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 14:08
S34	18	("zirconium phosphate" same ph) and dialysis	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 15:15
S35	10298	tube same nose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 15:16
S36	77527	("604").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/21 15:16
S37	162	S35 and S36 and feeding	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/11/21 15:16

## EAST Search History

S38	16	(US-20020112609-\$).did. or (US-5210363-\$ or US-4610791-\$ or US-5685835-\$ or US-5895796-\$ or US-3669880-\$ or US-4950224-\$ or US-5284470-\$ or US-4267047-\$ or US-4707352-\$ or US-4192748-\$ or US-4772548-\$ or US-3994799-\$ or US-3703959-\$ or US-4659744-\$ or US-4661231-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/19 11:14
S39	0	S38 and "modified urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00
S40	0	S38 and ("enzyme crystals of urease" "alumina stabilized urease" "blend of urease and zirconium oxide") and "zirconium oxide" and carbon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:02
S41	0	S38 and (enzyme near crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:03
S42	0	S38 and (alumina near urease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:03
S43	9	dialysis and "modified urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:22
S44	26	dialysis and "cross linked enzyme crystals"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:34
S45	1	dialysis and "alumina stabilized urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 11:15
S46	8	dialysis and (urease near "zirconium oxide")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:20
S47	0	dialysis and (urease near "zirconium oxide" near blend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:28
S48	0	dialysis and (irradiated near urease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:22

## EAST Search History

S49	0	dialysis and (irradiated near4 urease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:23
S50	11	dialysis and (urease and zirconium and blend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:23
S51	4	dialysis and "stabilized urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:32
S52	8	dialysis and (urease near "zirconium oxide")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:28
S53	0	"cross likned enzyme crystals of urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:32
S54	0	"cross-likned enzyme crystals of urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:33
S55	0	"cross linked enzyme crystals of urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:33
S56	0	"cross-linked enzyme crystals of urease"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:33
S57	12	dialysis and "cross linked enzyme crystals" and urease	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:34
S58	0	S38 and "rough surface"	US-PGPUB; USPAT	OR	ON	2006/05/19 11:14
S59	0	S38 and (rough near surface)	US-PGPUB; USPAT	OR	ON	2006/05/19 11:14
S60	115	cartridge same "rough surface"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 11:16
S61	2	dialysis same "rough surface"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 11:17

## EAST Search History

S62	4	dialysis same (rough near surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 11:18
S63	5	dialysis same ((rough or textured) same (inner or interior))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:27